



PATENT  
PD-96315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Kar W. Yung, et al

: Date: August 24, 1999

Serial No. 08/949,988

: Group Art Unit: 3641

Filed: October 14, 1997

: Examiner: T. Dinh

For: Method And System For Maximizing  
Satellite Constellation Coverage

AMENDMENT TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

Applicant petitions for an extension of time for \_\_\_\_\_ months(s) to respond to the Office Action dated \_\_\_\_\_. If an additional extension of time is required, please consider this a petition therefor.

An extension for \_\_\_\_\_ months(s) has already been secured; the fee paid therefor of \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.  
Extension fee due with this request \$ \_\_\_\_\_

Applicant believes that no extension of time is required to respond to the Office Action dated 7/8/99. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

No additional fee for claims is required.

The fee for claims has been calculated as shown below:

CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	19	minus 20*	= 0	x \$ 18.00	\$ 0	
INDEPENDENT CLAIMS	2	minus 3**	= 0	x \$ 78.00	\$ 0	
MULTIPLE DEPENDENT CLAIMS			0	x \$ 260.00	\$ 0	
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>						
						\$ 0

Charge \$0 to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California. Please charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee is required, please charge to Deposit Account No. 50-0383. **This form is submitted in triplicate.**

Respectfully submitted,

Georgann S. Grunebach  
Attorney for Applicant(s), Reg. 33,179

HUGHES ELECTRONICS CORPORATION  
Bldg. 001, M.S. A109  
P.O. Box 956  
El Segundo, CA 90245-0956

(310) 662-8912

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on August 24, 1999.

Georgann S. Grunebach, Registration No. 33,179

\*If less than 20, insert 20

\*\*If less than 3, insert 3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kar W. Yung et al.

Serial No.: 08/949,988

Filed: October 14, 1997

For: METHOD AND SYSTEM FOR MAXIMIZING SATELLITE CONSTELLATION COVERAGE

Attorney Docket No.: PD-96315



Group Art Unit: 3641

Examiner: T. DINH

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9/1/99

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99 SEP - 1 AM 10:37

AMENDMENT UNDER 37 C.F.R. § 1.116

*Box AF  
Assistant Commissioner for Patents  
Washington, D.C. 20231*

Sir:

In response to the final Office Action mailed July 8, 1999, please amend the above-identified application as follows:

In The Claims:

1. (TWICE AMENDED) A method for maximizing satellite constellation coverage at predetermined local times for a set of predetermined geographic locations, the method comprising:

determining a satellite constellation having a first coverage, the constellation including at least two desired satellites, wherein each of the desired satellites have a trajectory associated therewith [and a relative configuration within the satellite constellation];

determining a period of orbit for each of the desired satellites;

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that this paper, including all enclosures referred to herein, is being deposited with the United States Postal Service as first-class mail, postage pre-paid, in an envelope addressed to: Box AF, Assistant Commissioner for Patents, Washington, D.C. 20231 on:

*August 29, 1999*  
Date of Deposit

Name of Person Signing

Signature

*GEORGIANA S. GRUNEBACH* *Georgian* *Signature*